

BORKOWSKI, Boguslaw; DROST, Kryszyna

Presence of alkaloids in some species of genus Kochia L.
Acta Pol. pharm. 22 no. 2s181-184 '65

1. Z Katedry Farmakognozji Akademii Medycznej w Poznaniu
(Kierownik: doc. dr. Z. Kowalewski).

POLAND) TRUSZCZYNSKI, M., BORKOWSKA, B. and CIOSEK, D., Microbiology Research Office (Zaklad Mikrobiologii Instytutu Weterynarii), Pulawy. Doc. Dr. M. Turczynski, Head.

"Resistance to Antibiotics of E. Coli Serotypes Isolated from Swine Carcasses"

Lublin, Medycyna Weterynaryjna, Vol 22, No 5, pp 264-267

Abstract: The resistance to streptomycin, chloromycetin, terramycin, tetracycline, aureomycin, neomycin, penicillin and erythromycin was determined in 200 strains isolated from swine infected with edema, colibacillosis or a mixed form of these diseases. Five serotypes were tested. No relationship between the antibiotic pattern, serotype and disease was found. A high percentage of E. coli strains was resistant to at least 5 antibiotics. Contains a summary in English, 3 Tables and 14 references (3 Polish, 8 Western, 1 Russian and 2 German-language).

1/1

- 30 -

Country :	Poland	H-17
Category :		
Abs. Jour. :		46884
Author :	Borkowski, D.; Skrzypczakowa, L.	
Institut. :		
Title :	Comparative Study of Indigenous Raw Materials of the Genus Gentiana	
Orig. Pub. :	Acta polon. pharmac., 1957, 15, No 6, 425-430	

Abstract : An evaluation has been made of the indigenous varieties of the gentian raw materials from the standpoint of their content of bitter principles. It is pointed out that raw materials containing gentiopicrine lose their value on storage. Alcohol infusions have a higher bitter-index than is anticipated from calculations, and this is indicative of the fact that not all bitter principles pass into aqueous solutions. -- A. Vavilova.

Card:

BORKOWSKI, Henryk, mgr. inz.

Influence of the type and grade of the transverse axis of
the surface upon the designed length of the transition
curves. Drogownictwo 17 no.4:85-91 Ap '62.

BORKOWSKI, Henryk; MODLINSKI, Eugeniusz

Achievements of labor legislation during the recent 20-year period. Praca zabez̄ spol 6 no. 7/8:3-21 Jl-Ag '64.

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206420007-0

BORKOWSKI, Henryk; MODLINSKI, Eugeniusz

Social security during the 20-year period. Praca zabezp spol
6 no.12:1-7 D '64.

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206420007-0"

L 2409-66 EWP(v)/EWP(k)/EWP(h)/EWP(l)
(A)

ACCESSION NR: AP5022180

PO/0063/65/000/007/0173/0176

29
B

AUTHOR: Borkowski, Henryk (Master engineer)

TITLE: The HB-PG-62 dynamic deflectometer for testing the carrying capacity of flexible pavements

SOURCE: Drogownictwo, no. 7, 1965, 173-176

TOPIC TAGS: concrete, test method, measuring instrument

ABSTRACT: This article discusses the dynamic method of estimating the carrying capacity of flexible pavements, based on an analysis of pavement oscillations resulting from the application of short-time single force pulses to the pavement under test. The HB-PG/62 dynamic deflectometer, designed by this author in 1962 in the Katedra Budowy Drog i Robot Ziemnych Politechniki Gdanskiej (Department of Road Building and Earthwork, Gdansk Polytechnic Institute), is described. The dynamic deflectometer consists of a transmitter of force pulses and a recorder of the pavement oscillations. The transmitter is provided with 3 interchangeable falling weights of 6, 10, and 20 kg and their free fall height can be varied from 0.1 to 1.7 m. Oscillograms showing the shape of the force pulses obtained are given. The maximum obtainable dynamic force is 3000 kg. The transmitter para-

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ACCESSION NR: AP5022180

meters were tested by tensometric dynamometers which are briefly described. Pavement oscillations were recorded by a Geiger vibrograph, which is placed directly on the test surface. The principle of operation of the vibrograph is given and the accuracy measurements are discussed. It is shown that the modulus of elasticity of the test earthen foundation is 1500 kg/cm². Orig. art. has: 8 figures, 1 table, and 1 formula.

ASSOCIATION: None

SUBMITTED: 00

ENCL: 00

SUB CODE: IE

NO REF SOV: 000

OTHER: 000

PC
Card 2/2

BORKOWSKI, J.

Building of rural schools. p. 10.
(Budownictwo Wiejskie, Vol. 8, no. 1, Jan. 1956, Warszawa)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

KEPKOWA, A.; FAJKOWSKA, H.; BORKOWSKI, J.

Effect of gibberellin on the growth, flowering, and crops of rhubarb, tomato, and pea plants. Nauki matem przyrod Torun no.6:127-132 '60.

1. Zaklad Warzywnictwa, Szkola Glowna Gospodarstwa Wiejskiego, Skierniewice, i Zaklad Warzywnictwa, Instytut Uprawy, Nawozenia i Gleboznawstwa, Skierniewice, i Pracownia Biologiczna, Polska Akademia Nauk, Skierniewice.

LETOWSKI, Antoni; BORKOWSKI, Josef

Labor acceleration and anaesthesia with the method of Loures. Ginck.
pol. no.4:469-473 '62.

1. Z Oddzialu Poloznictwa i Chorob Kobiecyh Szpitala Marynarki
Wojennej Crdynator: dr med. A. Letowski.
(NATURAL CHILDBIRTH) (OXYTOCIN)

KUNERT, K.; NIEWIAROWSKI, Z.; PORWISIAK, Z.; WROBEL, K.; BORKOWSKI, J.; GAJEWSKI, M.

Terminology of screw extruders. Polimery tworz wielk 8 no.12:
456-460 D'63.

1. Instytut Tworzyw Sztucznych, Warszawa.

BORKOWSKI, Janusz

The wind profile and turbulent diffusion in a stable surface
layer of the atmosphere. Acta geophys Pol 12 no.4:199-203
'64.

1. Department of Geophysics, University, Warsaw.

L 23800-65 EWT(1)/FCC GW

ACCESSION NR: AP5001622

P/0026/64/012/004/0199/0203

B

AUTHOR: Borkowski, J.

TITLE: The wind profile and turbulent diffusion in a stable surface layer of the atmosphere

SOURCE: Acta geophysica polonica, v. 12, no. 4, 1964, 199-203

TOPIC TAGS: wind profile, turbulent diffusion, atmosphere, surface layer, drag coefficient

ABSTRACT: Using the results of A. B. Kazanskiy and A. S. Monin (Izv. AN SSSR ser. geofiz. no. 1, 1956) and later measurement data on the turbulent heat flux and drag coefficient, the author derives a new formula describing the vertical wind profile in the surface layer of the atmosphere under equilibrium conditions. This formula is inserted into the relation between the average height of particles released from a source at the origin and the downwind distance, derived by A. S. Monin (Adv. in Geophys. v. 6, 1959, p. 331), to obtain a formula for the diffusion in the stable surface layer of the atmosphere. Orig. art. has: 5

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L 23800-65

ACCESSION NR: AP5001622

figures and 9 formulas.

ASSOCIATION: Department of Geophysics, University of Warsaw

SUBMITTED: 00

ENCL: 00

SUB CODE: ES

NR REF Sov: 002

OTHER: 002

Card 2/2

L 38744-66 FCC

ACC NR: AP6017891

SOURCE CODE: P0/0027/65/000/03-/0239/0256

31
P

AUTHOR: Borkowski, Janusz

ORG: Department of Atmospheric Physics, UW (Katedra fizyki atmosfery UW)

TITLE: Effect of meteorological conditions on atmospheric turbulence and diffusion

SOURCE: Przeglad geofizyczny, no. 3-4, 1965, 239-256

TOPIC TAGS: atmospheric turbulence, atmospheric diffusion, wind profile, similarity theory, thermal stratification

ABSTRACT: The effect of meteorological conditions (thermal stratification and wind profile) on atmospheric turbulence and diffusion has been investigated. Analysis of the problem by the transfer theory approach and the statistical approach to the atmospheric turbulence and diffusion has been presented and criticized. On the basis of the similarity theory, a new equation has been obtained for the wind profile in a

Card 1/2

, L 38744-66

ACC NR: AP6017891

stable surface layer. The use of the similarity theory for describing turbulent diffusion is discussed. A simple convenient method is given for estimating pollution from ground and above-ground sources. Orig. art. has: 9 figures and 35 formulas. [Based on author's abstract]

[NT]

SUB CODE: 04/ SUBM DATE: 15Apr65/ SOV REF: 003/ OTH REF: 013/

2/2 *ell*

Card

BORKOWSKI, Kazimierz, mgr inz.

Cap of the Bielicyna DNB-2 range finder. Przegl geod 35
no.1:15-18 Ja '63.

BORKOWSKI, Kazimierz, mgr inż.

Review of methods of testing the pivot irregularities of a transit instruments. Przegl. geod. 37 no. 2, 52-57 F '65.

Borkowski, Ludwik. Recent investigations on the ~~cal-~~ 1-FW
~~culus of propositions~~, Studia Logica 5 (1957), 27-40.
(Polish) 76

ell

L 44107-66

ACC NR: AP6022423 (A,N) SOURCE CODE: PO/0021/66/000/003/0111/0115

AUTHOR: Hickiewicz, J. (M.Eng.); Zywiec, A. (M.Eng.); Figura, T. (M.Eng.); Borkowski, K. (M.Eng.)

ORG: [Hickiewicz; Zywiec] Silesian Polytechnical University, Chair of Electric Machines (Politechnika Śląska, Katedra Maszyn Elektrycznych); [Figura; Borkowski] A-31 Plant (Zaklad A-31)

TITLE: A series of magnetic amplifiers made in Poland

SOURCE: Przeglad elektrotechniczny, no. 3, 1966, 111-115

TOPIC TAGS: automation equipment, magnetic amplifier, feedback amplifier, power amplifier, preamplifier

ABSTRACT: Introductory remarks to the article contain the statement that amplitat (internal feedback) magnetic amplifiers are among the contactless part of automation equipment developed rapidly in recent years. The authors then proceeded to describe

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UDC: 621.375.3

L 44107-66

ACC NR: AP6022423

an industrial series of amplistat preamplifiers and power amplifiers developed in 1959—1963 by the Chair of Electric Machines (headed by Prof. Zygmunt Gogolewski), together with the A-31 Plant, which manufactures them at the present time. Amplifier design, power (selected to fit equipment made in Poland), and feed methods were given, and coupling of single-phase units into three-phase systems with a-c or d-c output was discussed. The 10-w preamplifier and 2500-w amplifier, typical of the series, were dealt with in detail, and the properties compared with foreign makes. The designer team expressed their thanks to Professor Z. Gogolewski, Docent Dr. W. Paszek, and Dr. J. Kubek for their guidance, numerous valuable suggestions, and group discussion of the many problems encountered in developing the series. Orig. art. has: 13 figures and 4 tables. [Based on authors' abstract] [DR]

SUB CODE: 09/ SUBM DATE: none/

Card 2/2 XC

L 36486-66

ACC NR: AP6027077

SOURCE CODE: P0/0028/66/015/001/0027/0032

AUTHOR: Borkowski, Kazimierz--Borkowski, K.

2/
2

ORG: none

TITLE: Effect of the approximation of tabulated values on the accuracy of calculating the azimuth of the Polar Star

SOURCE: Geodezja i kartografia, v. 15, no. 1, 1966, 27-32

TOPIC TAGS: approximation method, approximation error, trigonometry, star, computer calculation

ABSTRACT: It is shown in the work that in view of the effect of errors due to rounding off the tabulated values of natural trigonometric functions, computer calculation of the azimuth of the Polar Star can be done more conveniently using the formula $A = \sin\varphi \operatorname{ctg} t - \operatorname{ctg} p \cos\varphi \cos t$ instead of the recommended

$$\frac{\operatorname{tg} A = - \operatorname{tg} p \sec\varphi \sin t}{1 - \operatorname{tg} p \operatorname{tg}\varphi \cos t}$$

In the former case the use of tables to the 6th decimal point gives an accuracy to a hundredth part of a second, which cannot be achieved by the second method even if tables to the 7th decimal point are used.

Orig. art. has: 7 formulas and 2 tables. [JPRS: 36,457]

SUB CODE: 12, 03 / SUBM DATE: none / ORIG REF: 001 / SOV REF: 002

Card 1/1 *1/1*

BORKOWSKI, Maciej; ZAKIEWICZ, Marek

Attempted prolongation of the survival time of a homogenous kidney transplanted in the dog. Pol. przegl. chir. 34 no.7:669-673 '62.

1. Z Zakladu Chirurgii Doswiadczałnej PAN w Warszawie Kierownik:
prof. dr J. Nielubowicz.

(KIDNEY TRANSPLANTATION)

PIETRASZKIEWICZ, Eugeniusz; SZCZYGIEL, Bruno; SZCZERBAN, Jerzy; BORKOWSKI,
Maciej; KAMINSKI, Bogdan; SEMERAU-SIEMIANOWSKI, Zgigniew

Collateral flow in experimental ligation of the thoracic aorta. Pol.
przegl. chir. 34 no.8:769-775 '62.

1. Z Zakladu Chirurgii Dowiadczalnej PAN w Warszawie Kierownik:
prof. dr J. Nielubowicz.
(AORTA THORACIC)

SEMERAU-SIEMIANOWSKI, Zbigniew; BORKOWSKI, Maciej; KALETA, Zbigniew

Effect of noradrenalin on the carbohydrate metabolism in myocardium
and on the coronary circulation. Polski tygod. lek. 17 no.3:81-85 15
Ja '62.

1. Z Zakladu Chirurgii Doswiadczałnej PAN; kierownik: doc. dr med.
J. Nielubowicz).
- (NOREPINEPHRINE pharmacol) (MYOCARDIUM metab)
(CARBOHYDRATES metab)

POLAND/Human and Animal Physiology. Blood Circulation.
Heart.

T

Abs Jour: Ref Zhur-Biol., No 20, 1958, 93238.

Author : Dober, Stanislaw, Borkowski, Maciej, Kominski, Bohdan.

Inst :

Title : The Problem of Ventricular Fibrillation with Experimental Hypothermia in Dogs.

Orig Pub: Polskie arch. med. weteryn., 1957, 27, No 11, 1467-1482.

Abstract: Ventricular fibrillation (VF) during the period of experimental hypothermia in dogs was almost always preceded by extrasystoles which emanated from the right and left ventricles, the base of the heart, or the nodes. They changed into spasms and ventricular tachycardia. Finally fluttering and VF set in. Often VF appeared without preliminary symptoms. Sometimes con-

Card : 1/3

53

POJIND/Human and Animal Physiology. Blood Circulation. Heart.

T

Abs Jour: Ref Zhur-Biol., No 20, 1958, 93238.

duction was similar to the normal. Twice VF was observed simultaneously with normal activity of the auricle. The first period of VF was characterized by a high amplitude of waves which subsequently subsided. VF and its attenuation did not depend on the degree of chilling of the dogs in ranges up to 25 degrees, neither did it depend on surgical intervention, and it appeared often during anesthesia. By the end of the surgical intervention VF had been successfully stopped. Danger of occurrence of VF also existed in the period of warming. For the prevention of VF in experimental hypothermia in dogs, the best results were obtained by spraying the heart with a solution of xylocain and an intramuscular injection of novocain at

Card : 2/3

POLIND/Human and Animal Physiology. Blood Circulation. Heart.

T

Obs Jour: Ref Zhur-Biol., No 20, 1958, 93238.

the site of the proposed surgery. The sinus and atrioventricular nodes can also be sprayed. Defibrillation proved to be the best method to combat VF, and after arrest of the heart - massage and interarterial transfusion. --- From the authors' abstract.

Card : 3/3

54

BORKOWSKI, Maciej; KAMINSKI, Bogdan; SENIOW, Stefania; SZCZERBAN, Jerzy

Regeneration of the liver following partial resection of its parenchyma.
Polski tygod. lek. 14 no.47:2057-2064 23 Nov 59.

1. (z Zakladu Chirurgii Doswiadczonej Polskiej Akademii Nauk:
kierownik: doc. dr Jan Nielubowicz)
(LIVER, physiol.) (REGENERATION)

MARZINEK, B.; BORKOWSKI, M.; JUSTYNA, M.; KAMINSKI, B.; PIETRASZKIEWICZ, E.;
POKLEWSKA, I.; RYKOWSKI, H.; SZCZERBAN, J.; SZCZYGIEL, B.; WIECKOWSKA,
W.; ZAWADOWSKI, J.

Experiments with the new apparatus for extracorporeal circulation &
oxygenation constructed by Z. Semerau-Siemianowski & J. M. Folga. Pre-
liminary research. II. Surgical management. Polski tygod. lek. 13 no.50:
2030-2032 15 Dec 58.

1. Z Zakladu Chirurgii Doswiadczonej PAN w Warszawie; kierownik: doc.
dr med. J. Nielubowicz.
(HEART, artif.
heart-lung appar., surg. management (Pol))

BLAIM, Alicja; BORKOWSKI, Marian

A case of paratracheal tuberculous lymphadenitis with subsequent valvular pulmonary emphysema. Pediat.polska 30 no.2: 151-154 Feb '55.

1. Z Instytutu Doskonalenia i Specjalizacji Kadr Lekarskich w Warszawie, Kierownik: Sekcji Pediatricznej: prof. dr med. T. Lewenfisz-Wojnarowska, Warszawa, Rozbrat 34 m. 14.

(TUBERCULOSIS, LYMPH NODE
paratracheal, complicated by pulm.emphysema,
valvular, in inf.)

(EMPHYSEMA, PULMONARY
valvular, after paratracheal tuberc. lymphadenitis
in inf.)

LEWENFISZ-WOJNAROWSKA, Teofila; BORKOWSKI, Marian T.; KOLINSKA, Maria

Behavior of total cholesterol level in children with rheumatic disease
treated with hormones. Reumatologia Polska no.3:117-118 '60.

1. Z II Kliniki Pediatricznej AM w Warszawie Kierownik: prof. dr med.
Mieczyslaw Michalowicz Zastepca kierownika: prof. dr med. Teofila
Lewenfisz-Wojnarowska
(CHOLESTEROL blood)
(ADRENAL CORTEX HORMONES ther)
(RHEUMATIC FEVER ther)

LEWENFISZ-WOJNAROWSKA, T.; BORKOWSKI, M.T.; KOLINKA, B.

On total cholesterol level in the plasma in children with rheumatic disease treated by means of hormones.: Pediat.polska 35 no.3:
291-300 Mr '60.

1. Z II Kliniki Chorob Dzieci A.M. w Warszawie, Kierownik:
prof. dr med. M. Michlaowicz, Zastepca Kierownika Kliniki:
prof. dr med. T. Lewenfisz-Wojnarowska.

(RHEUMATIC FEVER blood)
(CHOLESTEROL blood)
(ADRENAL CORTEX HORMONES ther.)
(CORTICOTROPIN ther.)

LEWENFISZ-WOJNAROWSKA, Teofila; BORKOWSKI, Marian T.; MIKIEWICZ, Barbara;
KAZMIEROWSKA, Zdzislawa

On colimycin therapy of infants with diarrheal syndromes caused by
pathogenic strains of Escherichia coli. Pediat. pol. 37 no.11:1137-
1145 '62.

1. Z II Kliniki Pediatricznej AM w Warszawie Kierownik: prof. dr
med. T. Lewenfisz-Wojnarowska.
(COLISTIN) (DIARRHEA INFANTILE) (ESCHERICHIA COLI INFECTIONS)

JASSER, Stefania; BRAGIEL, Irena; LEWENFISZ, Teofila; BORKOWSKI, Marian Tadeusz;
MASZCZYK, Zinaida

The properdin level in normal subjects and in some pathological conditions.
Polski tygod. lek. 16 no.33:1267-1270 14 Ag '61.

1. Z Zakladu Serologii; kierownik: dr med. Stanislaw Dubiski - Instytutu
Hematologii; dyrektor: doc. dr med. Andrzej Trojanowski, z II Kliniki
Dzieciecej A. M. w Warszawie; kierownik; prof. dr med. Teofila Lewenfisz
i z Instytutu Gruzdlicy w Warszawie; dyrektor: doc. dr med. Wiwa Jaroszewicz.

(PROPERDIN)

LEWENFISZ-WOJNAROWSKA, T.; JASSER, S.; BRAGIEL, I.; BORKOWSKI, M.T.

On the behavior of some elements of non-specific immunity in rheumatic fever in children. Pediat. pol. 37 no.6:601-609 Je '62.

1. Z II Kliniki Pediatricznej AM w Warszawie Kierownik: prof. dr. med. T. Lewenfisz-Wojnarowska i z Instytutu Hematologii w Warszawie Dyrektor: doc. dr. med. A.Trojanowski.
(RHEUMATIC FEVER immunol)

LEWENFISZ-WOJNAROWSKA, Teofila; BORKOWSKI, Marian Tadeusz

Evaluation of active rheumatic processes in children according
to the behavior of alpha-2 globulin fractions in children.
Pediat. pol. 38 no.2:157-162 '63.

l. Z II Kliniki Pediatricznej AM w Warszawie Kierownik: prof.
dr med. T. Lewenfisz-Wojnarowska.
(RHEUMATIC FEVER) (SERUM GLOBULIN)

LEWENFISZ-KUJNAROWSKA, Tecfile; BRYN TAKI, Marica T.

Rheumatic disease in infants. Pediat. Pol. 39 no. 1 1964-1965
3 '64

1. w II Kliniki pediatrycznej Akademii Medycznej w Warszawie
(Kierownika prof. dr. med. T. Lewenfisz-Kujnarowska).

BORKOWSKI, Marian T.; STACHURSKA, Jolanta; LISICKA, Danuta; KOPEC, Maria

Glanzmann's thrombasthenia. Pol. arch. med. wewnet. 35 no.6:
891-896 '65.

1. Z II Kliniki Pediatricznej AM w Warszawie (Kierownik: prof.
dr. med. T. Lewenfisz-Wojnarowska) oraz z Zakladu Biochemii
Instytutu Reumatologii (Kierownik: dr. I. Niedzwiecka-Namyslowska)
i z Oddzialu Wewnetrznego II Instytutu Reumatologii (Kierownik:
doc. dr. med. M. Kopec; Konsultant naukowy Zakladow prof. dr. med.
E. Kowalski).

BORKOWSKI, Marian T.; KORNISZEWSKA, Jadwiga

A case of spontaneous hypercalcemia. Ped. Pol. 40 m.4:
409-412 Ap '65.

1. Z II Kliniki Pediatricznej Akademii Medycznej w Warszawie
(Kierownik: prof. dr. med. T. Lewenfish-Wojnarowska).

SIENIAWSKA, Maria; BORKOWSKI, Marian T.

Jaundice in bacterial infections in infants. Pediat. Pol. 40
no.5:499-504 My '65.

1. Z II Kliniki Pediatricznej AM w Warszawie (Kierownik: prof.
dr. med. T. Lewenfisz-Wojnarowska).

BORKOWSKI, Roman (Warszawa, Filtrowa 62)

Opening in a case of synechia of the uterine cavity. Gin. polska
25 no.4:339-344 Oct-Dec 54.

1. Szpital Miejski No 8 w Warszawie. Oddzial Ginekologiczno-
Poznanscy. Kierownik: Oddzialu: dr. W.Jastrzebski.
(UTERUS, diseases,
synechia, surg.)

BORKOWSKI, Roman

Changes of the mucous membrane of the uterus and ovaries in
leiomyoma of the uterus. Polski tygod. lek. 10 no.11:343-347 14
Mar 55.

1. Z Oddzialu Ginekologiczno-Położniczego Szpitala Miejskiego Nr
8 w Warszawie; kierownik oddzialu: dr med. W.Jastrzebski i z Za-
kladu Anatomii Patologicznej A. M. w Warszawie; kierownik: prof.
dr med. L.Paszkiewicz. Warszawa, ul. Filtrowa 62.

(UTERUS, neoplasms,

leiomyoma, changes of mucous membrane of uterus body
& ovaries)

(MUCOUS MEMBRANES,

ovaries & uterus, changes in uterine leiomyoma)

S
BORKOWSKI, Roman.

Myoma recurrens. Gin. polska 27 no.1:7-9 1956.

I. Z Oddzialu Ginekologiczno-poloznicznego Szpitala Miejskiego
Nr 8 w Warszawie. Kierownik: dr. med. W.Jastrzebski. Warszawa,
Filutowa 62 m. 40.

(LEIOMYOMA,
uterus, recur. (Pol))
(UTERUS, neoplasms,
leiomyoma, recur. (Pol))

BORKOWSKI, Roman.

Obstetric operations in cases of postponed labor. Gin.polska
28 no.2:157-164 Mar-Apr 1956.

1. Z Oddzialu Ginekologiczno-Położniczego Szpitala Miejskiego
Nr 8 w. Warszawie. Ordynator: dr. Wacław Jastrzebski.
Warszawa, Filtrowa 62 m. 40.

(PREGNANCY,
prolonged, obstetric operations, statist., comparison
with normal cases (Pol))

LAMERS, Janina; BORKOWSKI, Roman; KRETOWICZ, Janusz

Clinical evaluation of children delivered with the aid of vacuum extractors. Pediat. pol. 37 no.6:611-616 Je '62. (MIRA 15:5)

1. z II Kliniki Poloznictwa i Chorob Kobiecyh AN w Warszawie
Kierownik: prof. dr. med. I. Roszkowski.
(DELIVERY)

BORKOWSKI, Roman

Contribution to the diagnosis of gynecological tumors. Ginek.
Pol. 36 no.1:99-102 Ja '65

1. Z Oddzialu Ginekolog' zno-Pozniczego Centralnego Szpitala
Kolejowego w Warszawie ,Miedzylesiu (Ordynator dr. med.
R. Borkowski).

BORKOWSKI, Roman; SZAMBORSKI, Jozef

A case of co-existance of cancer and tuberculosis of the uterine cervix. Ginek. Pol. 36 no.2:217-221 F '65

1. Z II Kliniki Poloznictwa i Chorob Kobiecych Akademii Medycznej w Warszawie (Kierownik: prof. dr. med. I. Roszkowski).

BORKOWSKI, Roman; GIERAT, Kazimierz

The influence of soil humidity on the contents of alimentary elements
in sweet clover (Melilot). Rocznik rolnikowski 82 no.4:965-973 '61.

POLAND/Cultivated Plants. Fodder Plants.

M

Abs Jour : Ref Zhur-Biol., No 15, 1958, 68225

Author : Borkowski, Roman; Kozera, Gotfryd
Inst : -

Title : Moisture Requirements and Drought-Resisting
Ability of Sweet Clover.

Orig Pub : Roczn. nauk rolniczych., 1956, A73, No 4,
623-637

Abstract : For three years, pot experiments were con-
ducted with soil moisture at 20, 30, 40, 50,
and 60 percent of total moisture capacity. The
higher the soil moisture level, the larger the
yield of mass above ground. As soil moisture
declined, the root systems of the plants were
seen to develop more strongly, and as soil

Card : 1/2

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POLAND/Cultivated Plants. Fodder Plants.

H

Abs Jour : Ref Zhur-Biol., No 15, 1958, 63225

moisture rose, the above-ground mass developed. With soil moisture at 20 percent and 30 percent for 21 days, sweet clover either did not reduce its yield of above-ground mass or reduced it to an insignificant extent. --- Ye. M. Tsvetayeva

Card : 2/2

PRA

9

1235

Borkowski, S. Gravel as a Building Material and Filtering Medium. 691.2 : 66 067.12
"Zwiry jako materiał budowlany i filtracyjny" Materiały Budowlane, No. 4, 1951, pp. 101-105.

Origin and mineral composition of gravel. Requirements which gravel intended for building purposes must conform. Properties of gravel emanating from one certain source and used as filtering medium. Results of questionnaires circulated among metal, textile and mineral industrial enterprises in order to ascertain the following details: purpose for which the gravel is being used, technological conditions, characteristics of water purification processes, utility period of gravel. Tests carried out with gravels from various sources in order to determine their suitability for filtering purposes. Necessity for appointing an authority to coordinate all matters concerning production, technological tests and regulation of gravels for building purposes and filtering gravel.

BORKOWSKI, S,

Problem of enriching soils with lime in Poland.

p. 415
No. 9, Sept. 1955

PRZEGLAD GEOLOGICZNY
Warszawa

SOURCE: East European Accession List (EEAL), LC. Vol. 5, no. 2, Feb. 1956

BORKOWSKI, S.

Raw materials for Polish ceramics. p. 139.
(Szklo i Ceramika, Vol. 8, No. 5, May 1957, Krakow, Poland.)

SO: Monthly List of East European Acquisitions (EEAL) Lc. Vol. 6, No. 5, Aug 1957. Uncl.

POLAND/Physical Chemistry. Kinetics. Combustion. Explosions. Topochemistry. Catalysis.

Abs Jour: Ref. Zhur. - Khimiya, No. 4, 1959, 11109.

Authors : Krause A, Borkowski S.

Inst : Not given

Title : The Structure and Catalytic Properties of Ferric Hydroxide, Formed During the Hydrolysis of Sodium Ferrite.

Orig Pub: Roczn. chem., 1958, 32, No. 1, 143-145.

Abstract: It is established that roentgeno-amorphous gel, formed during the hydrolysis of sodium ferrite, represents a product of polymerization of HCOOH by hydrogen peroxide and the reaction of H_2O_2 decomposition. ---M. Sakharov

Card 1/1

P/006/62/010/003/003/006
D237/D308

26.2120

AUTHOR: Borkowski, Szczepan

TITLE: Computation of stress in an open cylindrical shell
under the action of centrifugal force

PERIODICAL: Rozprawy inżynierskie, v. 10, no. 3, 1962, 459-495

TEXT: The problem of discontinuous stresses is solved for
an open cylindrical shell consisting of two cylindrical shells of
revolution with different radii of curvature, loaded by centrifugal
force. Shells of this type are used for blades in radial pumps,
compressors and blowers. Simplified equations of Donnell, Vlasov
and Flügge are reduced to one equation by means of a complex func-
tion and integrated by Levy's method. Integration constants are
found from the boundary conditions and a scheme is given for trans-
formation of coefficients and consequent use of the formulas for
both shells. Analysis of three numerical examples shows that larg-
est stresses occur along the edge farthest from the axis of revolu-
tion, and for some materials, approach the critical values. For an

Card 1/2

Computation of stress ...

P/006/62/010/003/003/006
D237/D308

S-shaped biradial blade, the analysis of the outermost shell is shown to be sufficient. Sufficient approximation is obtained when the first two terms are taken in the series for internal forces. Finally, a still simpler method is indicated for the computation of very short shells. There are 9 figures and 11 tables.

ASSOCIATION: Politechnika Śląska, Gliwice (Silesian Polytechnic, Gliwice) ✓B

SUBMITTED: November 13, 1961

Card 2/2

BORKOWSKI, Szczepan,

Stress computation in a certain type of cylindrical shell
subject to the action of centrifugal forces. Rozpr inz PAN
10 no.3:459-496 '62.

1. Politechnika Ślaska, Gliwice.

24.4.200

1327 1103

28258
P/006/60/008/004/004/010
D265/D303

AUTHOR:

Borkowski, Szczepan

TITLE:

On the similarity between the basic equations of Flügge
and Vlasov in the theory of circular cylindrical shells

PERIODICAL:

Rozprawy inżynierskie, v. 8, no. 4, 1960, 679-686

TEXT: The author compares the basic differential sets of equations derived by W. Flügge (Ref. 1: Statik und Dynamik der Schalen (Statics and Dynamics of Shells), Springer, Berlin 1934) and V. Z. Vlasov (Ref. 2: Obshchaya teoriya obolochek i yeye prilozheniya v tekhnike (General Theory of Shells and Its Technical Application), Gos. Izd. Tekh. Teor. Lit., Moskva-Leningrad, 1949) for the circular cylindrical shell in order to find the similarity between these two sets of equations. The comparison is accomplished by analyzing the terms of each of the equations for Vlasov's and Flügge's expressions by considering the deformed elemental prism of the shell and interpreting the notations in each case. The notation of Vlasov is then adopted and Flügge's equations are expressed in terms of the operators of the differential set of equations. The operators are tabulated

and 1/2

BORKOWSKI, Szczepan

ending of corrugated connector bends. Rozpr inz PAN 12 no.1:
137-157 '64

1. Politechnika Slaska, Gliwice.

BORKOWSKI, Szczepan

Review of works concerning the Karman problem. Budown Gliwice
no.12:11-22 '64.

1. Department of Mechanics and Strength of Materials of the
Silesian Technical University, Gliwice.

BORKOWSKI, T.
OPIENSKA-BLAUTH, J.

The French biochemistry; a report from a trip to France. p. 226

POSTEPY BIOCHEMI. (Polska Akademia Nauk. Komitet Bichemiczny)
Warszawa, Vol. 4, no. 2, 1958
Poland/

Monthly List of East European Accessions Index (EEAI), LC, Vol. 8, no. 6, June 1959
Uncl.

BORKOWSKI, T.

Immunolectrophoresis. p. 299.

POSTĘPY BIOCHEMII. (Polaska Akademia Nauk, Komitet Biochemiczny) Warszawa,
Poland. Vol. 5, no. 3, 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, no. 1, Jan. 1960.

Uncl.

BORKOWSKI, T. ; MADECKA-BORKOWSKA, I.

Determination of amino acids by the paper chromatography method. p. 119.

CHIMIA ANALITYCZNA. Warszawa, Poland. No. 8, August 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 11
November 1959.

Uncol.

BORKOWSKI, T., mgr. inz.

The portable manual GPR-1 honing machine. Motor 11
no.29:7 22 Jl '62.

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206420007-0

BORKOWSKI, T. mgr inz.

A device for testing PTK-1 connecting rod. Motor ll no.32:5
12 Ag '62.

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206420007-0"

BORKOWSKI, Tadeusz

The segment drying chamber. Przem drzew 13 no.5:24-25 My
'62.

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206420007-0

BORKOWSKI, T., mgr inz.

Erection stand for automobile bridges. Motor 11 no.48:7 2 D
'62.

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206420007-0"

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206420007-0

BORKOWSKI, T., mgr inz.

Dryers for lacquer drying on automobile bodies. Motor 11 no.52:
7 30 D '62.

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206420007-0"

KEDRA, Mieczyslaw; BORKOWSKI, Tomasz; KOLBER-POSTEPSKA, Barbara

Diagnostic value of the determination of creatine phosphokinase
in myocardial infarct patients. Pol. tyg. lek. 19 no.28:
1063-1066 13 - 20 Jl'64

1. Z I Kliniki Chorob Wewnętrznych Akademii Medycznej w
Lublinie (kierownik: prof. dr.med. M. Kedra) i z Centralnego
Laboratorium PSK nr.1 w Lublinie (kierownik: doc. dr. med.
T. Borkowski).

KOZNIEWSKA, Halina; BORKOWSKI, Tomasz; SŁIWINSKA, Jadwiga; ABRAMOWICZ, Stanislaw; ŚWIĘTICKI, Kazimierz; JESKE, Jozef.

Investigations on the action of urea in the reduction of intracranial pressure. Ann. Univ. Lublin sect. D 19:21-35 * 64

l. Oddział Neurochirurgii Kliniki Chorób Nervowych, Wydział Lekarski AM w Lublinie (Kierownik Kliniki: prof. dr. med. Halina Koźniewska) ; Centralne Laboratorium Kliniczne w Lublinie (Kierownik: prof. dr. med. Józef Jeske).

Gen. of Phys. Chem.

Effect of hydrochloric acid on the chromatographic paper.
Tomasz Berkowski (Zakl. Chemiczny Wydz. Lek.-
Farmaceutyczny, Lublin, Poland). Ann. Univ. Mariae Curie-
Sklodowska (Lublin-Polska) Sect. D, 6, 53-67 (1951).
Glucose, cellobiose, xylose, and arabinose were liberated
when Whatman's No. 1 filter paper was hydrolyzed by
0.1*N* HCl.
L. J. Piotrowski

BORKOWSKI, T.

Chromatographic modification of the galactose test. Acta physiol. polon.
3 no.2:223-232 1952. (CIML 23:4)

1. Of the Institute of Physiological Chemistry (Head--Prof. J. Opienska-
Blauth, M.D.) of Lublin Medical Academy.

OPIENSKA-BLAUTH, J.:MADECKA-BORKOWSKA, I.:BORKOWSKI, T.

Determination of phosphorus metabolites by paper chromatography.
Acta physiol. polon. 3 no. 3:315-328 1952. (CIML 23:5)

1. Of the Institute of Physiological Chemistry (Head--Opienska-Blauth, M.D.) of Lublin Medical Academy.

Substance giving positive Voges-Proskauer's test in fluid cultures of *Escherichia coli* in presence of some enzyme inhibitors. J. Olszewska-Blaut, T. Borkowski, and I. Madryka-Borkowska (*Acta microbiol. polon.*, 1953, 2, 263-276).—The accumulation of an unidentified reducing substance [X] in cultures of *E. coli* in the presence of 0.0025 M-indoacetic acid was much greater when pantothenic acid or β -alanine was added to the medium. X only appeared when the pH of the medium was 4.0-7.0; it was present inside bacterial cells. It was not identical with any compound known as an intermediate in glucose metabolism in *E. coli*. The relation of X to acetoin was indicated by its positive Voges-Proskauer reaction. A similar reducing substance having an R_f value identical with that of X was detected in sour milk. X is not identical with acetoin and is probably a precursor. Accumulation of X results from the action of many enzyme inhibitors e.g. indoacetic acid, selenite, and 8-hydroxyquinoline. X cannot be utilized as a carbon source by *E. coli*.

J. M. Rott

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Effect of sodium bromide on activity of the cytochrome system in cerebral tissue homogenates in mice. Acta physiol. polon. 5 no.4: 614-615 1954.

1. Z Zakladu Chemii Fizjologicznej Akademii Medycznej w Lublinie.
Kierownik: prof. dr J.Opienska-Blaauth.

(BROMIDES, effects,
sodium, on brain homogenates cytochrome system in mice)

(BRAIN, effect of drugs on,
sodium bromide, on cytochrome system in mouse brain
homogenates)

(CYTOCHROME,
eff. of sodium bromide on cytochrome in mouse brain
homogenates)

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Ann. Univ. Lublin; sec. D 9:131-158 1954.

1. Z Zakladu Chemii Fizjologicznej Akademii Medycznej w Lublinie.
Kierownik: prof. dr. Janina Opienska-Blauth. Z II Kliniki Chorob
Wewnetrznych Akademii Medycznej w Lublinie. Kierownik: prof. dr.
Alfred R. Tuszkiewicz.

(LIVER FUNCTION TESTS,
galactose tolerance, chromatographic modification.)

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Metabolism and function of nerve tissue. Postepy hig.med.dosw.
9 no.2:249-260 '55.

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ul Stalingradzka 85.
(NERVES, physiology,
funct. & metab.)

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(GALACTOSE,

tolerance in liver funct.test, chromatographic modification)

(LIVER FUNCTION TEST

galactose tolerance, chromatographic modification)

(CHROMATOGRAPHY

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polon. 3 no.3:333-343 1956.

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prof. dr. J. Opieńska-Blauth.
(AMINO ACIDS, determination,
in bile, chromatography (Pol))
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amino acids, chromatography (Pol))

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dr J. Opienska-Blauth.
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213-224 1958.

1. Z Zakladu Chemii Fizjologicznej Akademii Medycznej w Lublinie Kierownik:
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(BRAIN, metabolism,
resp. in vitro (Pol))

LEWENFISZ-WOJNAROWSKA, T.: BORKOWSKI, T.: KRUPINSKA-SANECKA, I.

Renal lesions during ~~rheumatic fever~~ in children. Pediat. polska
33 no, 6:659-666 June 58.

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dr med. M. Michalowicz. Adres: Warszawa, ul. Litewska 16.
(RHEUMATIC FEVER, pathol.
kidneys in child. (Pol))
(KIDNEYS, in various dis.
rheum. fever & chronic arthritis in child (Pol))
(ARTHRITIS, in inf. & child.
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Studies on the utilization of galactose by patients affected with diabetes mellitus. Ann.Univ.Lublin; sec.D 14:127-136 '59.

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(DIABETES MELLITUS metab)

(GALACTOSE metab)

BORKOWSKI, Tomasz

Quantitative determination of amino acid composition of gastric juice in healthy individuals. Ann. univ. Lublin sec. D 15:105-116 :60.

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(GASTRIC JUICE chem) (AMINO ACIDS chem)

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Nonphosphorylative glucose oxidation by some strains of Escherichia coli and Aerobacter aerogenes. Bul Ac Pol biol 8 no.4:121-122 '60.
(EEAI 9:10)

1. Laboratory of Physiological Chemistry, School of Medicine,
Lublin. Presented by J.Heller.

(GLUCOSE)

(ESCHERICHIA COLI)

(AEROBACTER AEROGENES)

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Quantitative determination of deoxyribonucleic acid in brain tissue. Acta biochim. Pol. 11 no.4:451-458 '64.

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1. Department of Physiological Chemistry, Medical School, Lublin.

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Creatine phosphokinase determination in the blood serum. Pol.
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dr. Jan Sehn).

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Studies on the usefulness of the "Acholest" test. Pol. tyg. lek.
20 no.18:642-644 3 My '65.

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dr. Jan Sehn) i z III Kliniki Chorob Wewnętrznych AM w Krakowie
(Kierownik: prof. dr. Julian Aleksandrowicz).

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Swiss-type automatics at the 28th International Fair. p. 247.

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